



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF : Biddulph, et al.  
FOR : **BLACK TRIVALENT CHROMIUM  
CHROMATE CONVERSION COATING**  
SERIAL NO. : 10/774,559  
FILED : 02/09/2004  
EXAMINER : Jenkins, Daniel J.  
ART UNIT : 1762  
CONFIRMATION NO. : 8972  
ATTORNEY DOCKET NO. : **PVOZ 2 00015**

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97, 1.98 and MPEP § 609, applicant(s) submit(s) the following Disclosure Statement concerning art of which the applicant(s) is (are) aware. A copy of PTO-1449 is enclosed herewith.

This Supplemental Information Disclosure Statement is not intended to constitute an admission that any patent, publication or other information referred to herein or submitted herewith is "prior art" for this invention unless specifically designated as such.

In accordance with the United States Patent and Trademark Office OG Notice dated 05 August 2003, waiving the requirement under 37 C.F.R. §1.98(a)(2)(i), for submitting a copy of each cited U.S. patent and U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003, Applicant(s) has not enclosed copies of the cited U.S. patents and applications with this Disclosure.

In accordance with 37 C.F.R. §1.97(g) and (h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(b) exists.

Under § 1.98(a)(3), no concise explanation of relevance is required for information that is in the English language. Accordingly, the enclosed require(s) no further explanation (or no translation is available).

Consideration of the appropriate paragraph(s) indicated below is respectfully requested:

☐ **WITHIN THREE MONTHS OF FILING:** Under § 1.97(b)(1), this Information Disclosure Statement is being filed within three months of the filing date of the application. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 06-0308.

☒ **BEFORE FIRST OFFICE ACTION:** Under § 1.97(b)(3), this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 06-0308.

☐ **INTERNATIONAL SEARCH REPORT:** Under § 1.97(e)(1), the undersigned certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 06-0308.

☐ **BEFORE FINAL ACTION/WITH FEE:** Under § 1.97(c)(2), this information shall be considered if filed before the mailing date of a final action if accompanied by a fee in the amount of \$180.00 as required by §1.17(p). Accordingly, the necessary fee accompanies this Information Disclosure Statement. Any overpayment or deficiency can be charged to Deposit Account No. 06-0308.

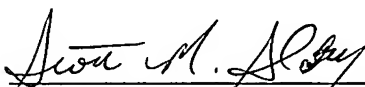
☐ **PRIORITY CLAIM:** The attached PTO 1449 Form includes all patents, publications, or other information previously cited by or submitted to the Office in one or more prior applications from which the present application claims priority. These one or more prior applications are identified in the papers accompanying the filing of this application. In accordance with § 609 MPEP, only copies of art not previously submitted are enclosed.

It is respectfully requested that the attached document(s) be considered and officially cited in examination of this application.

Respectfully submitted,

FAY, SHARPE, FAGAN,  
MINNICH & McKEE, LLP

November 10, 2004  
Date



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CERTIFICATE OF MAILING

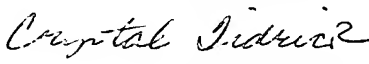
I certify that this Information Disclosure Statement and accompanying document(s) are being

☒ deposited with the United States Postal Service as First Class mail under 37 C.F.R. 1.8, addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

☐ transmitted to facsimile number \_\_\_\_\_ under 37 C.F.R. 1.8 on the date indicated below.

☐ deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated below and is addressed to: Mail Stop Amendment, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<b>Express Mail Label No.:</b>
<b>Date</b> November 10, 2004

<b>Signature</b> 
<b>Printed Name</b> Crystal D. Tidrick

Substitute for Form 1449/PTO

**COMPLETE IF KNOWN**

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT(S)**

(Use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/774,559
Filing Date	02/09/2004
First Named Inventor	Biddulph
Art Unit	1762
Examiner Name	Jenkins, Daniel J.
Attorney Docket No.	PVOZ 2 00015

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document No. Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	AA	US-3,932,198	01/13/1976	Schneider
	AB	US-4,126,490	11/21/1978	Aoki
	AC	US-4,171,231	10/16/1979	Bishop, et al.
	AD	US-4,263,059	04/21/1981	Guhde, et al.
	AE	US-4,349,392	09/14/1982	Huvar
	AF	US-4,359,345	11/16/1982	Da Fonte, Jr.
	AG	US-4,367,099	01/04/1983	Lash, et al.
	AH	US-4,578,122	03/25/1986	Crotty
	AI	US-4,705,576	11/10/1987	Klos, et al.
	AJ	US-5,368,655	11/29/1994	Klos
	AK	US-5,393,354	02/28/1995	Bishop
	AL	US-5,407,749	04/18/1995	Bishop
	AM	US-5,415,702	05/16/1995	Bishop, et al.
	AN	US-6,287,704	09/11/2001	Preikschat, et al.

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation
	AO	WO 03/076686	09/18/2003	Dipsol Chemicals Co., Ltd.	
	AP	WO 03/054249	07/03/2003	Walter Hillebrand GMBH & Co. Galvanotechnik	
	AQ	WO 02/07902	01/31/2002	Duprat, et al.	Yes

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published	T
	AR		
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Examiner  
Signature

Date  
Considered